

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Sofia Patricia Becerra, Luigi Notari, Jorge

Laborda and Julio Escribano Martinez

Application No.: 10/566,540

Filing Date: October 16, 2006

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Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

In accordance with § 1.97(b), since this Information Disclosure Statement is
 being filed either within three months of the filing date of the above-identified

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| | application, within three months of the date of entry into the national stage of |
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| | the above identified application as set forth in § 1.491, before the mailing date |
| | of a first Office Action on the merits of the above-identified application, or |
| | before the mailing date of a first Office Action after the filing of request for |
| | continued examination under § 1.114, no additional fee is required. |
| | In accordance with § 1.97(c), this Information Disclosure Statement is being |
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| | before an action that otherwise closes prosecution in the application, therefore: |
| | Certification in Accordance with § 1.97(e) is attached; or |
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| | of the Issue Fee, therefore included are: Certification in Accordance with § |
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| \boxtimes | Copies of reference numbers $1-257$ and 344 - 377 listed on the attached |
| | Form PTO-1449 are enclosed herewith. |
| \boxtimes | Copies of reference numbers 258 - 343 on the attached Form PTO 1449 are |
| | not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i). |
| | Copies of references - are not being submitted because |
| | they were previously cited by or submitted to the U.S. Patent and |
| | Trademark Office in patent application number , filed for |

DOCKET NO.: NIHA-0238 / E-314-2003/2-US-02 - 3 -

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which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

The relevance of those listed references which are not in the English language is as follows:

There are no listed references which are not in the English language.

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| -1449 Modified | Docket No. NIHA-0238 / E-314-2003/2-US-02 | Application No. 10/566,540 | | |
| t and Publications y Applicant heets if necessary) | Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez | | | |
| nent of Commerce Trademark Office | Filing Date January 31, 2006 | Group Not Yet Assigned | | |
| | Confirmation No. Not Yet Assigned | | | |
| | | | | |
| Biol. 1991, 3(1), 71-81 | | | | |
| Agid, "Parkinson's disea | se: pathophysiology," The La | ancet, 1991, 337, 1321-1324 | | |
| sulfate, a modulator of the BMC Biochemistry, 2003 | ne pigment epithelium-derive 3, 4, 1-9 | d factor-receptor interactions," | | |
| Alberdi, E. et al., "Binding of pigment epithelium-derived factor (PEDF) to retinoblastoma cells and cerebellar granule neurons," J. Biol. Chem., 1999, 274(44), 31605-31612 | | | | |
| glycosaminoglycans: ana 10652 | alysis of the binding site," Bio | ochemistry, 1998, 37, 10643- | | |
| Al-Mashikhi et al., "Separation of Immunoglobulin and Transferrin from Blood Serum and Plasma by Metal Chelate Interaction Chromatography," J. Dairy Sci., | | | | |
| 403-410 | | | | |
| database search program | s," Nuc. Acids Res., 1997, 25 | (17), 3389-3402 | | |
| Anderson, W.F. et al., "F | Human gene therapy," Scienc | e, 1992, 256, 808-813 | | |
| Aplin et al., "Preparation, Properties and Applications of Carbohydrate Conjugates of Proteins and Lipids," CRC Crit. Rev. Biochem., 1981, 259-306 | | | | |
| Aruffo et al., "CD44 Is the Principal Cell Surface Receptor for Hyaluronate," Cell, 1990, 61, 1303-1313 | | | | |
| Ashkenazi, A. et al., "Protection against endotoxic shock by a tumor necrosis factor receptor immunoadhesin," <i>Proc. Natl. Acad. Sci. USA</i> , 1991 , <i>88</i> , 10535-10539 | | | | |
| 13 Aymerich, M.S., et al., Evidence for pigment epithelium-derived factor receptors in the neural retina," <i>Investigative Ophthalmology & Visual Science</i> , 2001, 42(13), 3287-3293 | | | | |
| 14 Ballance et al., "Transformation of Aspergillus Nidulans by the Orotidine-5'- Phosphate Decarboxylase Gene of Neurospora Crassa," Biochem. Biophys. Res. | | | | |
| | and Publications y Applicant heets if necessary) hent of Commerce rademark Office ENT DOCUMENTS (Inc Acsadi et al., "Direct Ge Biol., 1991, 3(1), 71-81 Agid, "Parkinson's disea Alberdi, E.M. et al., "Gly sulfate, a modulator of th BMC Biochemistry, 200. Alberdi, E. et al., "Bindi retinoblastoma cells and 31605-31612 Alberdi, E. et al., "Pigme glycosaminoglycans: ana 10652 Al-Mashikhi et al., "Sep Serum and Plasma by M 1988, 71, 1756-1763 Altschul, S.F. et al., "Ba 403-410 Altschul, S.F. et al., "Ga database search program Anderson, W.F. et al., "Ga database search program Anderson, W.F. et al., "Ga Aplin et al., "CD44 ls t 1990, 61, 1303-1313 Ashkenazi, A. et al., "Pr receptor immunoadhesin Aymerich, M.S., et al., E the neural retina," Invest 3287-3293 Ballance et al., "Transfor | and Publications y Applicant heets if necessary) and Probleman of Commerce rademark Office Filing Date January 31, 2006 Confirmation No. Not Yet Assigned ENT DOCUMENTS (Including Author, Title, Date, Acsadi et al., "Direct Gene Transfer and Expression in Biol., 1991, 3(1), 71-81 Agid, "Parkinson's disease: pathophysiology," The Leta sulfate, a modulator of the pigment epithelium-derive BMC Biochemistry, 2003, 4, 1-9 Alberdi, E. et al., "Glycosaminoglycans in human sulfate, a modulator of the pigment epithelium-derive BMC Biochemistry, 2003, 4, 1-9 Alberdi, E. et al., "Binding of pigment epithelium-derived factor glycosaminoglycans: analysis of the binding site," Biolocosaminoglycans: analysis of the bindi | | |

| EXAMINER | /Stephen Gucker/ | DATE CONSIDERED | 06/17/2011 | |
|----------|------------------|-----------------|------------|---------|
| | | | 6.3 | 2006 WW |

| | Form PTO-1449 Modified | | | et No. A-0238 / I-2003/2-US-02 | Application No. 10/566,540 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------|------------------------------------------------------------------------|
| C | List of Patent and Publications Cited by Applicant (Use several sheets if necessary) | | | cant Patricia Becerra, Luig Escribano Martinez | i Notari, Jorge Laborda and |
| | | nent of Commerce rademark Office | | Date ry 31, 2006 | Group Not Yet Assigned |
| | | | | rmation No. 'et Assigned | |
| NON- | PAT | ENT DOCUMENTS (Inc | luding | Author, Title, Date, | Pertinent Pages, Etc.) |
| 15 Baulande, S. et al., "Adiponutrin, a transmembrane protein corresponding to dietary- and obesity-linked mRNA specifically expressed in the adipose linea Biol. Chem., 2001, 276(36), 33336-33344 | | | | | sed in the adipose lineage," J. |
| | 16 | Baum, "Solid-phase synt | hesis o | f benzodiazepines," C | &EN, 1993, page 33-35 |
| | 17 | Schizosaccharomyces pombe," Nature, 1981, 290, 140-142 | | | |
| | Bennett, B.D. et al., "Extracellular domain-IgG fusion proteins for three human natriuretic peptide receptors," J. Biol. Chem., 1991, 266(34), 23060-23067 | | | | proteins for three human |
| | 19 | Benton et al., "Screening \(\text{\gamma} \) tRecombinant Clones by Hybridization to Single | | | |
| | | Plaques in situ," Science, Berge, S.M. et al., "Phare | | | rei 1077 66(1) 1 10 |
| | 20 | | | | |
| | 21 | Bernstein et al., "The res | | | |
| | 22 | Bernstein et al., "Role for interference," Nature, 20 | 01, 40 | 9, 363-366 | |
| | 23 | epithelium-derived factor 2002, 22(21), 9378-9386 | r and it | s binding sites on moto | ve molecular region of pigment or neurons," J. Neuroscience, |
| | 24 | from Chronic Glutamate- 1999, 58(7), 719-728 | -media | ted Neurodegeneration | OF) Protects Motor Neurons ," J. Neuropathol Exp. Neurol., |
| | 25 | stranded RNA in mouse of Sci. USA, 2001, 98(25), 1 | embryo 4428- | onal teratocarcinoma c 14433 | ssion induced by long, double- ell lines," <i>Proc. Natl. Acad.</i> |
| | 26 | Bloeman et al., "Adhesio drugn delivery," FEBS La | | | immunoliposome-mediated |
| | 27 | Bowie, J.U. et al., "Deciphering the message in protein sequences: tolerance to amino acid substitutions," Science, 1994, 247, 1306-1310 | | | |
| | 28 | Bradley, A., "Production Embryonic Stem Cells: A 1987, Chapter 5, 113-15 | and ar Pract | alysis of chimaeric mi ical Approach, Roberts | ce," Teratocarcinomas and son, E.J. (Ed.), IRL, Oxford, |
| | 29 | | ons in | | fficiency in transgenic mice," |
| EXAMINER | /SI | ephen Gucker/ | | DATE CONSIDERI | ED 06/17/2011 |

| Form 1 | РТО | -1449 Modified | Docket No. NIHA-0238 / | Application No. 10/566,540 |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------|
| C | List of Patent and Publications Cited by Applicant (Use several sheets if necessary) | | E-314-2003/2-US-02 Applicant Sofia Patricia Becerra, Luig Julio Escribano Martinez | |
| | | nent of Commerce Trademark Office | Filing Date January 31, 2006 | Group Not Yet Assigned |
| | | | Confirmation No. Not Yet Assigned | |
| NON- | PAT | ENT DOCUMENTS (Inc | luding Author, Title, Date, | Pertinent Pages, Etc.) |
| | 30 | sensitive lipsomes," Am. | J. Physiol., 1995, 1233, L37- | ulmonary epithelium via pH- 4-L380 |
| | 31 | Repertoires in Transgeni | signer Mice: The Production c Animals," Year in Immuno. | , 1993 , <i>7</i> , 33-40 |
| | 32 | CABIOS, 1990, 6, 237 | l sensitivity of biological seq | |
| | 33 | 667-670 | roperties of a CD4 immunoa | |
| • | 34 | Condensation," J. Org. C | onate Ester Synthesis Using a Chem., 1994, 59, 658-660 | |
| | 35 | transduction into cultured 79, 5166-5170 | | oc. Natl. Acad. Sci. USA, 1982, |
| | 36 | RNAs in invertebrate and 98(17), 9742-9747 | l vertebrate systems," Proc. I | |
| | 37 | Capon et al., "Designing 337, 525-531 | CD4 immunoadhesins for A | |
| | 38 | Accession No. AK03160 | musclulus 13 days embryo m 9, September 2, 2005 | |
| | 39 | Carninci, P. et al., "Unnamed protein produc [Mus musculus]," GenBank Accession | | |
| | 40 | therapy," Proc. Natl. Aca | ization of an anti-p185 ^{HER2} and. Sci. USA, 1992, 89, 4285- | 4289 |
| | 41 | Carthew et al., "Gene sile 2001, 13, 244-248 | encing by double-stranded R | NA," Curr. Opin. Cell Biol., |
| | 42 | plasmid DNA," Proc. Na | tl. Acad. Sci. USA, 1979, 76 | pora crassa by utilizing hybrid (10), 5259-5263 |
| | 43 | dihydrofolate reductase," | Nature, 1978, 275, 615-624 | NA sequence coding for mouse |
| | 44 Chang et al., "Replication of the Human Hepatitis Delta Virus Genome Is Initiated in Mouse Hepatocytes following Intravenous Injection of Naked DNA or RNA Sequences," J. Virol., 2001, 75(7), 3469-3473 | | | Ita Virus Genome Is Initiated in If Naked DNA or RNA |
| | L | sequences, J. Firot., 20 | 01, 10(1), 3402-3413 | |

| EXAMINER | /Stephen Gucker/ | DATE CONSIDERED | 06/17/2011 | |
|----------|------------------|-----------------|------------|---------|
| | | | | 2006 WW |

| | Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Lies eyeral sheets if necessary) | | NIHA | et No. A-0238 / I-2003/2-US-02 | Application No. 10/566,540 | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------------------|----------------------------------------------------------------|
| | | | Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez | | | |
| | | | nent of Commerce rademark Office | | Date ry 31, 2006 | Group Not Yet Assigned |
| | | | | | rmation No. et Assigned | |
| | NON- | PAT | ENT DOCUMENTS (Inc | luding | Author, Title, Date, | Pertinent Pages, Etc.) |
| 45 Chen et al., "'Analogous' Organic Synthesis of Small-Comp Validation of Combinatorial Chemistry in Small-Molecule Sy Chem. Soc., 1994, 116, 2661-2662 | | | | | | |
| | 46 Cho et al., "An Unnatura | | | l Biop | olymer," Science, 1993 | 3, <i>261</i> , 1303-1305 |
| | 47 Chothia et al., "Canonical St Immunoglobulins," J. Mol. I | | | ol. Bio | ., 1987 , <i>196</i> , 901-917 | |
| | | 48 | 8 Clackson et al., "Making antibody fragments using phage display libraries," Nature, 1991, 352, 624-628 | | | |
| | | 49 | Clark-Curtiss et al., "Ana Minicells," Methods in E | nzymo | logy, 1983, 101, 347-3 | 62 |
| | | 50 | Cohen et al., "Interaction Biochemistry, 1978, 17(3) |), 392- | 400 | |
| | | 51 | protein by replacement of | f the N | H ₂ -terminal signal and 519-17622 | alyltransferase to a secretory chor with a signal peptide," J. |
| | | 52 | Co., San Francisco, 1993 | s, 2 ^{nu} e | dition, 49-104 | ar Properties, W.H. Freeman & |
| | | 53 | Crooke, S.T. et al. (Eds.), 1993, 39(4), 718-719 | , "Anti | sense research and app | olications," Clinical Chem., |
| | | 54 | 19(8), 1805-1810 | ed inte | rnucleoside linkages," | Nucleic Acids Res., 1991, |
| | | 55 | lac promoters," Proc. Na | tl. Aca | d. Sci. USA, 1983, 80, | ybrid derived from the <i>trp</i> and 21-25 |
| | 56 DeCoster, M. et al., "Neuroprotection by Pigment Epithelial-Derived Factor Again Glutamate Toxicity in Developing Primary Hippocampal Neurons," J. Neurosci. Res., 1999, 56, 604-610 | | | | pal Neurons," J. Neurosci. | |
| | | 57 | DNA," J. Bacteriol., 1983 | 3, 154 | (2), 737-742 | omyces lactis by killer plasmid |
| | | 58 | DeWitt, S.H. et al., "Dive chemical diversity," Proc | . Natl. | Acad. Sci. USA, 1993 | , 90, 6909-6913 |
| | 59 Dobeli, J. et al., "Role of the carboxy-terminal sequence on the biological activity of human immune interferon (IFN-γ)," J Biotechnology, 1988, 7, 199-216 | | | | | ce on the biological activity of 1988, 7, 199-216 |
| EX | AMINER | . /8 | tephen Gucker/ | | DATE CONSIDER | ED 06/17/2011 |
| | | | | | | |

| | O-1449 Modified | NIHA | et No. A-0238 / I-2003/2-US-02 | Application No. 10/566,540 | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--|
| Cite | List of Patent and Publications Cited by Applicant (Use several sheets if necessary) | | Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez | | |
| | rtment of Commerce d Trademark Office | Filing Janua | g Date ry 31, 2006 | Group Not Yet Assigned | |
| | | | rmation No. et Assigned | | |
| NON-PA | TENT DOCUMENTS (| Including | Author, Title, Date, | Pertinent Pages, Etc.) | |
| 60 | CABIOS, 1996, 12(6), | 507-510 | | rwise sequence alignments," | |
| 6. | Duksin, D. et al., "Rel homologues of tunicar | ationship mycin," J. | Biol. Chem., 1982, 2. | iological activity of the natural 57(6), 3105-3109 | |
| 62 | 62 Dzau, V.J. et al., "Gene therapy for cardiovascular disease," Trends in Biotechnology, 1993, 11, 205-210 | | | | |
| 6. | Anal, Biochem., 1981, | Edge et al., "Deglycosylation of Glycoproteins by Trifluoromethanesulfonic Acid," Anal. Biochem., 1981, 118, 131-137 | | | |
| 64 | Elbashir, S.M. et al., " | Elbashir, S.M. et al., "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells," <i>Nature</i> , 2001 , <i>411</i> , 494-498 | | | |
| 6: | Evan et al., "Isolation | of Monoc | lonal Antibodies Spe- | eific for Human c-myc Proto- 985, 5(12), 3610-3616 | |
| 60 | Felley-Bosco et al., "C | Constitution thelial Ce | ve Expression of Indu- lls Induces c-fos and S | cible Nitric Oxide Synthase in Stimulates the cGMP Pathway," | |
| 6' | Field et al., "Purificati Saccharomyces cerevi 1988, 8/5), 2159-2165 | on of a <i>R.</i> siae by U | AS-Responsive Adeny se of an Epitope Addi | lyl Cyclase Complex from tion Method," Mol. Cell. Biol., | |
| 68 | 8 Fiers, W. et al., "Com 113-120 | plete nucl | eotide sequence of SV | 740 DNA," Nature, 1978, 273, | |
| 69 | Fodor, S.P.A. et al., "I synthesis," Science, 19 | 991, 251, | 767-773 | | |
| 70 | 70 Fountoulakis et al., "Interferon γ Receptor Extracellular Domain Expressed as IgG Fusion Protein in Chinese Hamster Ovary Cells: Purification, Biochemical Characterization, and Stoichiometry or Binding," Biochem., 1995, 270(8), 3958-2954 | | | fication, Biochemical chem., 1995, 270(8), 3958-2954 | |
| 7: | Frank, R. et al., "Simu conditions of cellulose 44(19), 6031-6040 | Frank, R. et al., "Simultaneous multiple peptide synthesis under continuous flow conditions of cellulose paper discs as segmental solid supports," <i>Tetrahedron</i> , 1988, | | | |
| 7: | | | | nulticomponent peptide | |
| 7: | Garmestani et al., "Sy | nthesis an | d evaluation of a mac | rocyclic bifuntional chelating J. Biol., 2001, 28, 409-418 | |
| 7- | | I., "Secre | tion of a chimeric T-c | ell receptor-immunoglobulin | |
| EXAMINER | /Stephen Gucker/ | | DATE CONSIDER | | |

| | | Docket No. | A 11 // N | | |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--|--|
| Form PTC | D-1449 Modified | NIHA-0238 / E-314-2003/2-US-02 | Application No. 10/566,540 | | |
| Cited | nt and Publications by Applicant sheets if necessary) | Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez | | | |
| | ment of Commerce Trademark Office | Filing Date January 31, 2006 | Group Not Yet Assigned | | |
| | | Confirmation No. Not Yet Assigned | | | |
| NON-PAT | | luding Author, Title, Date, | | | |
| 75 | Anti-Angiogenic and Net 383, 1677-1682 | - | roperties," Biol. Chem., 2002, | | |
| 76 | a resolution of a single at 3998-4002 | mino acid," Proc. Natl. Acad. | | | |
| 77 | Immun. Meth., 1987, 102 | Geysen, H.M. et al., "Strategies for epitope analysis using peptide synthesis," <i>J. Immun. Meth.</i> , 1987 , <i>102</i> , 259-274 | | | |
| 78 | Hybridization Pattern Re Arrays," Genome Res., 1 | neous Genotyping and Speci- cognition Analysis of Generi 998, 8, 435-448 | c Mycobacterium DNA | | |
| 79 | search," Nature Genetics | ation of protein coding regio , 1993, 3, 266-272 | | | |
| 80 | coding for human growth | rect expression in Eschericia hormone," Nature, 1979, 28 | 31, 544-548 | | |
| 81 | Acids Res., 1980, 8(18), | 4057-4074 | nterferon by E. coli," Nucleic | | |
| 82 | Science, 1992, 256, 1443 | e Matching of the Entire Pro -1445 | | | |
| 83 | promoter when introduce transfection," Proc. Natl. | Gorman, C.M. et al., "The Rous sarcoma virus long terminal repeat is a strong promoter when introduced into a variety of eukaryotic cells by DNA-mediated transfection." <i>Proc. Natl. Acad. Sci. USA</i> , 1982, 79, 6777-6781 | | | |
| 84 | cells," Nature, 1982, 295 | , 503-508 | cDNA in E. coli and monkey | | |
| 85 | endonuclease cleavage m | aps," Gene, 1982, 18, 355-3 | mHI, EcoRI and PstI restriction | | |
| 86 | Antibody Expressed in E | Tumor Cell Lysis Mediated bacherichia coli," J. Immunol. | , 1994 , <i>152</i> , 5368 | | |
| 87 | Grunstein, M. et al., "Colony hybridization: a method for the isolation of cloned DNAs that contain a specific gene," <i>Proc. Natl. Acad. Sci. USA</i> , 1975 , <i>72(10)</i> , 3961-3965 | | | | |
| 88 | 88 Gubler et al., "A simple and very efficient method for generating cDNA libraries, Gene, 1983, 25, 263-269 | | | | |

| EXAMINER | /Stephen Gucker/ | DATE CONSIDERED | 06/17/2011 |
|----------|------------------|-----------------|------------|
| | | | © 2006 WW |

| | | -1449 Modified | | et No. 0238 / 2003/2-US-02 | Application No. 10/566,540 |
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| Ci | List of Patent and Publications Cited by Applicant (Use several sheets if necessary) | | | | gi Notari, Jorge Laborda and |
| | | ent of Commerce rademark Office | Filing Janua | Date ry 31, 2006 | Group Not Yet Assigned |
| | | | | rmation No. et Assigned | |
| NON-I | PATI | ENT DOCUMENTS (Inc | cluding | Author, Title, Date, | Pertinent Pages, Etc.) |
| | 89 | Samples," AIDS Res. Hu | nucleo m. Retr | tide Sequencing of Historians, 1998, 14(10 | V Type 1 <i>pol</i> from Clinical 9), 869-876 |
| | 90 Gupta, R. et al., "Prediction of N-glycosylation sites in http://www.cbs.dtu.dk/services/NetNGlye/ , Abstract, Internet on April 4, 2006 | | | 3 pages, downloaded from the | |
| | 91 | Guss et al., "Structure of the IgG-binding regions of streptococcal protein G," EMBO J., 1986, 5(7), 1567-1575 | | | |
| | 92 | Haase et al., "Detection of Viral Nucleic Acids by in Situ Hybridization," Methods in Virology, 1984, VII, 189-226 | | | |
| | 93 | Hacia, J.G. et al., "Two oligonucleotide arrays ar 3865-3866 | color hy nd energ | bridization analysis ugy transfer dyes," Nuc | sing high density cleic Acids Res., 1998, 26(16), |
| | 94 | Hagihara et al., "Vinylog Amer. Chem. Soc., 1992, | | | ative Peptide Backbone," J. |
| | 95 | Hakimuddin et al., "A Cl Biochem. Biophys., 1987 | hemical | Method for the Degl | ycosylation of Proteins," Arch. |
| | 96 | Hammond et al., "Argon RNAi," Science, 2001, 2 | aute2, a | a Link Between Gene | tic and Biochemical Analyses of |
| | 97 | Hammond et al., "Post-T Nat. Ref. Genet., 2001, 2 | ranscri | ptional Gene Silencin | g by Double-Stranded RNA," |
| | 98 | Hammond, S.M. et al., ". gene silencing in drosop | An RN. hlla cel | A-directed nuclease n | nediates post-transcriptional 4, 293-296 |
| | 99 | Hansson et al., "Evolution Glutathione Transferases 276 | on of Di Probe | fferential Substrate S I by DNA Shuffling,' | pecificities in Mu Class J. Mol. Biol., 1999, 287, 265- |
| | 100 | | olution | by DNA shuffling," | Trends Biotechnol., 1998, 16, |
| | 101 | Hefti et al., "Nerve Grow After Fimbrial Transection | ons," J. | Neurosci., 1986, 6(8) | of Septal Cholinergic Neurons), 2155-2162 |
| | 102 | Hefti, "Neurotrophic Fac Neurobiol., 1994, 25, 14 | tor The | erapy for Nervous Sys | stem Degenerative Diseases," |
| | 103 | Hélène, "The anti-gene s oligonucleotides," Antico | trategy | control of gene expr | ession by triplex-forming- 9-584 |
| EXAMINER | /S | ephen Gucker/ | | DATE CONSIDER | |

Sheet 8 of 25

| Form PTO-1449 Modified | | Docket No. NIHA-0238 / E-314-2003/2-US-02 | Application No. 10/566,540 | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------|--|
| Cited b (Use several s | | | uigi Notari, Jorge Laborda and | |
| | nent of Commerce Frademark Office | Filing Date January 31, 2006 | Group Not Yet Assigned | |
| | | Confirmation No. Not Yet Assigned | | |
| NON-PAT | ENT DOCUMENTS (Inc | cluding Author, Title, Da | te, Pertinent Pages, Etc.) | |
| 104 | | f Gene Expression by Trip NY Acad. Sci., 1992, 660, | | |
| 105 | Henikoff et al., "Perform Proteins, 1993, 17, 49-6 | nance Evaluation of Amino | Acid Substitution Matrices," | |
| 106 | 149-167 | | J. Adv. Enzyme Reg., 1969, 7, | |
| 107 | 1987, <i>132</i> , 133-150 | | | |
| 108 | Hum. Gen. Ther., 1994, 5, 1477-1483 | | | |
| 109 | Higgins et al., "Using CLUSTAL for Multiple Sequence Alignments," Meth. Enzymol., 1996, 266, 383-402 | | | |
| 110 | Hirschmann et al., "Nonpeptidal Peptidomimetics with a β-D-Glucose Scaffolding, A Partial Somatostatin Agonist Bearing a Close Structural Relationship to a Potent, Selective Substance P Antagonist," J. Amer. Chem. Soc., 1992, 114, 9217-9218 | | | |
| 111 | Hischberg et al., "Cloning | ng, expression, purification Eur. J. Biochem., 2001, 2 | and characterization of patatin, a | |
| 112 | Hitzeman et al., "Isolation | on and Characterization of | the Yeast 3-Phosphoglycerokinase nique," J. Biol. Chem., 1980, 255, | |
| 113 | | npiens mRNA for unknown May 5, 2005 | ı liver orphan," GenBank | |
| 114 | | | | |
| 115 | | | | |
| 116 | Hollinger, P. et al., " 'Di Proc. Natl. Acad. Sci. U. | abodies': small bivalent ar SA, 1993, 90, 6444-6448 | nd bispecific antibody fragments," | |
| 117 | | | | |
| EXAMINER | /Stephen Gucker/ | DATE CONSIDE | CRED 06/17/2011 | |

| | Form PTO-1449 Modified | | | et No. L-0238 / I-2003/2-US-02 | Application No. 10/566,540 |
|---------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------|------------------------------------------------------------------------------|
| Cite (Use severa | List of Patent and Publications Cited by Applicant (Use several sheets if necessary) | | | | i Notari, Jorge Laborda and |
| | | rademark Office | Filing Janua | Date ry 31, 2006 | Group Not Yet Assigned |
| | | | | rmation No. et Assigned | |
| NON-PA | \TI | ENT DOCUMENTS (Inc | luding | Author, Title, Date, | Pertinent Pages, Etc.) |
| 11 | | Factor Fusion Proteins," | Mol. In | nmunol., 1991, 28(9), | Antibody-Tumor Necrosis 1027-1037 |
| 11 | 19 | Hopp et al., "A Short Pol Identification and Purific | ypeption," | de Marker Sequence U BioTechnology, 1988 | seful for Recombinant Protein , 6, 1204-1210 |
| 12 | 20 | Houenou, L. et al., "Pigment Epithelium-Derived Factor Promotes the Survival and Differentiation of Developing Spinal Motor Neurons," J. Comp. Neurol., 1999, 412, 506-514 | | | |
| . 12 | 21 | Houghten, R.A., "General method for the rapid solid-phase synthesis of large numbers of peptides: specificity of antigen-antibody interaction at the level of individual amino acids," <i>Proc. Natl. Acad. Sci. USA</i> , 1985, 82, 5131-5135 | | | |
| 12 | 22 | Houghten et al., "Generation and use of synthetic peptide combinatorial libraries for basic research and drug discovery," <i>Nature</i> , 1991 , <i>354</i> , 84-88 | | | |
| 12 | 23 | Hsu et al., "A Comparative Study of the Peroxidase-antiperoxidase Method and an Avidin-Biotin Complex Method for Studying Polypeptide Hormones with Radioimmunoassay Antibodies," <i>M. J. Clin. Path.</i> , 1980, 75, 734-738 | | | |
| 12 | 24 | Huse, W.D. et al., "Gene immunoglobulin repertoi 1275-1281 | ration | of a large combinatoria | al library of the |
| 12 | 25 | Hutchens et al., "Thiophi Conditions Optimal for S 1986, 159, 217-226 | electiv | e Îmmobilization and | Purification," Anal. Biochem., |
| 12 | 26 | Perspect., 1993, 101(Sup | pl. 5), | 27-34 | inogenesis," Environ. Health. |
| 12 | 27 | Jakobovits, A. et al., "An immunoglobulin heavy-c production," <i>Proc. Natl.</i> | hain jo | ining region blocks B- | t chimeric mice: deletion of the cell development and antibody 51-2555 |
| 12 | 28 | Jakobovits et al., "Germ- artificial chromosome," / | line tra V <i>ature</i> , | nsmission and express 1993, 362, 255-258 | sion of a human-derived yeast |
| 12 | 29 | Jameson et al., "The anti- determinants," CABIOS, | genic ii 1988, | ndex: a novel algorithm 4(1), 181-186 | |
| | 30 | Continous Spectrophoton | netric A | Assay," <i>Lipids</i> , 2003 , 2 | |
| 13 | 31 | Jones et al., "Replacing the antibody with those from | | se," Nature, 1986, 321 | , 522-525 |
| EXAMINER | | /Stephen Gucker/ | | DATE CONSIDERI | |
| | | | | | © 2006 WW |

| Form | Form PTO-1449 Modified | | | t No. -0238 / -2003/2-US-02 | Application No. 10/566,540 | |
|----------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------|--|
| (Use sev | List of Patent and Publications Cited by Applicant (Use several sheets if necessary) | | | | i Notari, Jorge Laborda and | |
| | | ent of Commerce rademark Office | Filing Januar | Date y 31, 2006 | Group Not Yet Assigned | |
| | | | | mation No. et Assigned | | |
| NON- | PATI | ENT DOCUMENTS (Inc | luding. | Author, Title, Date, | Pertinent Pages, Etc.) | |
| | 132 | 1990, 87, 2264-2268 | ng gener | al scoring schemes," | Proc. Natl. Acad. Sci. USA, | |
| | 133 | 123-126 | | | lies," FEBS Lett., 1994, 346, | |
| | 134 | nidulans," EMBO J., 198 | Kelly et al., "Transformation of Aspergillus niger by the amdS gene of Aspergillus nidulans," EMBO J., 1985, 4(2), 475-479 | | | |
| | 135 | Kerr, J.F.R. et al., "Apoptosis: a basic biological phenomenon with wide-ranging implications in tissue kinetics," <i>Br. J. Cancer</i> , 1972 , <i>26</i> , 239-257 | | | | |
| | 136 | Kershaw, E.E. et al., "Adipose triglyceride lipase: function, regulation by insulin, and comparison with adiponutrin," 2006, Accession No. NP_473429, 2 pages | | | | |
| | 137 | Killion et al., "Systemic Targeting of Liposome-Encapsulated Immunomodulators to Macrophages for Treatment of Cancer Metastasis," <i>Immunomethods</i> , 1994, 4, 273-279 | | | | |
| | 138 | specificity," Nature, 1975 | 5 , <i>256</i> , 4 | 195-497 | ecreting antibody of predefined | |
| | 139 | lines by cell fusion," Eur. | . J. Imm | unol., 1976, 6, 511-5 | ducing tissue culture and tumor 19 | |
| | 140 | J. Immunol., 1992, 148, 1 | 1547-15 | 53 | the Use of Leucine Zippers," | |
| | 141 | gene using high-density of | oligonuc | leotide arrays," Nat. | d in HIV-1 clade B protease Med., 1996, 2(7), 753-759 | |
| | 142 | Kratchmarova et al., "A Proteomic Approach for Identification of Secreted Proteins during the Differentiation of 373-L1 Preadipocytes to Adipocytes," Mol. Cell Proteomics, 2002, 1, 213-222 | | | | |
| | 143 | Rev., 1998, 31, 53-88 | | _ | er therapy," Adv. Drug Del. | |
| | 144 | Lesslauer et al., "Recombinant soluble tumor necorsis factor receptor proteins protect mice from lipopolysaccharide-induced lethality," Eur. J. Immunol., 1991, 21, 2883-2886 | | | | |
| | 145 | Li et al., "Targeted Mutat Embryonic Lethality," Ce | ell, 1992 | 2, 69, 915 | | |
| | 146 Liang, R. et al., "Parallel synthesis and screening of a solid phase carbohydrate library," Science, 1996, 274, 1520-1522 | | | | | |
| | | /Stephen Gucker/ | | DATE CONSIDERI | ED 06/17/2011 | |

| | Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) | | Docket No. NIHA-0238 / E-314-2003/2-US-02 | Application No. 10/566,540 | | |
|---------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--|--|
| (Use se | | | Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez | | | |
| | | nent of Commerce Trademark Office | Filing Date January 31, 2006 | Group Not Yet Assigned | | |
| | | | Confirmation No. Not Yet Assigned | | | |
| NON | -PATI | | luding Author, Title, Date, | | | |
| | 147 | Levels in Mammalian Se | g of Immunoglobulins to Pro ra," J. Immunol. Meth., 1983 | , 62, 1-13 | | |
| | 148 | Twist," Neuron., 1996, 1 | 7, 571-574 | : Accessory Implicated in New | | |
| | 149 | Cell Proliferation and Int 721-730 | Linsley et al., "Binding of the B Cell Activation Antigen B7 to CD28 Costimulates T Cell Proliferation and Interleukin 2 mRNA Accumulation," J. Exp. Med., 1991, 173, | | | |
| | 150 | J. Exp. Med., 1991, 174, | Linsley et al., "CTLA-4 Is a Second Receptor for the B Cell Activation Antigen B7," J. Exp. Med., 1991, 174, 561-569 | | | |
| | 151 | of plasmid DNA," Gene | Liu et al., "Hydrodynamics-based transfection in animals by systemic administration of plasmid DNA," <i>Gene Ther.</i> , 1999 , <i>6</i> , 1258-1266 | | | |
| | 152 | oligonucleotide arrays," | pression monitoring by hybri Nat. Biotechnol., 1996, 14, 1 | 675-1680 | | |
| | 153 | Bio/Technology, 1988, 6. | , 47-55 | aculovirus expression vectors," | | |
| | 154 | RNA-binding domains o ribonucleoprotein compl Proc. Natl. Acad. Sci. US | Lutz-Freyermuth, C. et al., "Quantitative determination that one of two potential RNA-binding domains of the A protein component of the U1 small nuclear ribonucleoprotein complex binds with high affinity to stem-loop II of U1 RNA," Proc. Natl. Acad. Sci. USA, 1990, 87, 6393-6397 | | | |
| | 155 | Maeda, S. et al., "Productivector," Nature, 1985, 3 | tion of human α-interferon in 15, 592-594 | n silkworm using a baculovirus | | |
| | 155 | Bioassays, 1992, 14(12), | Maher, "DNA Triple-Helix Formation: An Approach to Artificial Gene Repressors?" Bioassays, 1992, 14(12), 807-815 | | | |
| | 157 | Marks et al., "By-Passing Immunization: Building High Affinity Human Antibodies by Chain Shuffling," <i>Bio/Technology</i> , 1992 , <i>10</i> , 779-783 | | | | |
| | 158 | Marks et al., "By-passing Immunization: Human Antibodies from V-gene Libraries Displayed on Phage," J. Mol. Biol., 1991, 222, 581-597 | | | | |
| | 159 | Cloned and Expressed in | Vaccinia Virus," Biotechniq | | | |
| - | 160 | - | Marsden, "Review Article: Parkinson's Disease," Lancet, 1990, 335, 948-952 | | | |
| | 161 | | Martin et al., "GAP Domains Responsible for Ras p21-Dependent Inhibition of Muscarinic Atrial K* Channel Currents," Science, 255, 192-194 | | | |

| EXAMINER | /Stephen Gucker/ | DATE CONSIDERED | 06/17/2011 | |
|----------|------------------|-----------------|------------|-----------|
| | | | | © 2006 WW |

| | -1449 Modified | Docket No. NIHA-0238 / E-314-2003/2-US-02 | Application No. 10/566,540 | | |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--|--|
| Cited b | t and Publications by Applicant sheets if necessary) | Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez | | | |
| | nent of Commerce Frademark Office | Filing Date January 31, 2006 | Group Not Yet Assigned | | |
| | Confirmation No. Not Yet Assigned | | | | |
| | | cluding Author, Title, Date, | | | |
| 162 | ICAM-1/Immunoglobuli | Neutralization and Disruption n Molecules," J. Virol., 1993 | , 67(6), 3561-3568 | | |
| 163 | Arrays," Anal. Biochem. | , 1995 , <i>224</i> , 110-106 | ne Supports: Oligonucleotide | | |
| 164 | Marx, J., "Interfering with gene expression," Science, 2000, 288, 1370-1372 | | | | |
| 165 | McCafferty, J. et al., "Phage antibodies: filamentous phage displaying antibody variable domains," <i>Nature</i> , 1990 , <i>348</i> , 552-554 | | | | |
| · 166 | McCaffrey et al., "RNA interference in adult mice," Nature, 2002, 418, 38-39 | | | | |
| 167 | McCaffrey et al., "Determinants of Hepatitis C Translational Initiation in Vitro, in Cultured Cells and Mice," Mol. Ther., 2002, 5(6), 676-684 | | | | |
| 168 | Merrifield, "Solid Phase Am. Chem. Soc., 1963, 8 | Peptide Synthesis; I. The Synt | nthesis of a Tetrapeptide," J. | | |
| 169 | derived factor," J. Biol. (| Chem., 2002, 277(47), 45400 | g site on pigment epithelium- -45407 | | |
| 170 | of Foreign Genes," Gene 1986, 8, 277-279 | tic Engineering, Setlow, et a | tem for High-Level Expression 1. (Eds.), Plenum Publishing, | | |
| 171 | 36(14), 1923-1937 | | Design," J. Med. Chem., 1993, | | |
| 172 | 1983 , <i>305</i> , 537-539 | - | mmunohistochemistry," Nature, | | |
| 173 | oligonucleotide arrays," | ing effective antisense reager Nature Biotechnology, 1997, | <i>15</i> , 537-541 | | |
| 174 | biotechnology," Nature | ons of the green fluorescent p Biotechnology, 1997, 15, 961 | -964 | | |
| 175 | genetic silencing and co- | ible stranded RNA as a medi suppression," Trends in Gen | etics, 1998, 14(7), 255-258 | | |
| 176 | Competent Cells," J. of I | on in <i>Escherichia coli</i> : Cryo _l Bact., 1977 , 132(1), 349-351 | | | |
| 177 | Morrison, S.L. et al., "Cl domains with human cor 81, 6851-6855 | Morrison, S.L. et al., "Chimeric human antibody molecules: mouse antigen-binding domains with human constant region domains," <i>Proc. Natl. Acad. Sci. USA</i> , 1984, | | | |

| EXAMINER | /Stephen Gucker/ | DATE CONSIDERED 0 | 6/17/2011 |
|----------|------------------|-------------------|-----------|
| L | | | © 2006 WW |

Sheet 13 of 25

| Form PTC | Form PTO-1449 Modified | | et No. A-0238 / 4-2003/2-US-02 | Application No. 10/566,540 | |
|------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------|--|
| Cited l (Use several | List of Patent and Publications Cited by Applicant (Use several sheets if necessary) | | icant Patricia Becerra, Luig Escribano Martinez | i Notari, Jorge Laborda and | |
| | nent of Commerce Frademark Office | | g Date ry 31, 2006 | Group Not Yet Assigned | |
| | | | rmation No. Tet Assigned | | |
| NON-PAT | ENT DOCUMENTS (Inc | luding | Author, Title, Date, | Pertinent Pages, Etc.) | |
| 178 | 1983, 302, 543-545 | _ | - | zed Bacillus subtilis," Nature, | |
| 179 | 1980, 209, 1422-1427 | | | | |
| 180 | with a thymine-substitute | d poly | amide," Science, 1991 | | |
| 181 | Nortredame et al., "T-Co | | | | |
| 182 | Offermanns, S. et al., "Go | Sequence Alignment," J. of Molecular Biology, 2000, 302, 205-217 Offermanns, S. et al., "Ga ₁₅ and Ga ₁₆ couple a wide variety of receptors to | | | |
| | | phospholipase C," J. Biol. Chem., 1995, 270(25),15175-15180 | | | |
| 183 | Antibody-Bearing Liposo | Owais et al., "Chloroquine Encapsulated in Malaria-Infected Erythrocyte-Specific Antibody-Bearing Liposomes Effectively Controls Chloroquine-Resistant Plasmodium berghei Infections in Mice," Antimicrob. Agents Chemother., 1995, | | | |
| 184 | Paborsky et al., "Mamma production of antigen," P | | | | |
| 185 | Paddison et al., "Short ha mammalian cells," Genes | irpin F | RNAs (shRNAs) induc | e sequence-specific silencing in | |
| 186 | cells," Proc. Natl. Acad. | Sci. U | SA, 2002, 99(3), 1443- | ession by RNAi in mammalian 1448 | |
| 187 | Palva et al., "Secretion of | finterf | eron by Bacillus subtil | is," Gene, 1983, 22, 229-235 | |
| 188 | Pandey et al., "Role of Bo TNF-a-Induced Angioger | | | eceptor Tyrosine Kinase, in | |
| 189 | | ns of D | NA shuffling to pharm | naceuticals and vaccines," | |
| 190 | Pavlakis, G.N. et al., "Excells infected by simian v | Pavlakis, G.N. et al., "Expression of two human growth hormone genes in monkey cells infected by simian virus 40 recombinants," <i>Proc. Natl. Acad. Sci. USA</i> , 1981, | | | |
| 191 | Natl. Acad. Sci. USA, 198 | 38, <i>85</i> , | 2444-2448 | quence comparison," Proc. | |
| 192 | | | | | |
| EXAMINER /Stephen Gucker/ DATE CONSIDERED 06/17/2011 | | | ED 06/17/2011 | | |

| | Form PTO-1449 Modified | | Application No. 10/566,540 | |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------|--|
| List of Patent and Cited by A (Use several sheet | pplicant | Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez | | |
| U.S. Department Patent and Trade | | Filing Date January 31, 2006 | Group Not Yet Assigned | |
| | | Confirmation No. Not Yet Assigned | | |
| NON-PATENT | DOCUMENTS (Inc | luding Author, Title, Date, | Pertinent Pages, Etc.) | |
| fur | ection, and regulation, | erpin superfamily of proteins 3 J. Biol. Chem., 1994, 269(2 | 3), 15957-19560 | |
| Ac | cession No. XP_3419 | 61, April 15, 2005 | [Rattus norvegicus]," GenBank | |
| 195 Pre | esta, "Antibody engine | ering," Curr. Op. Struct. Bio | l., 1992 , <i>2</i> , 593-596 | |
| | Presta et al., "Humanization of an Antibody Directed Against IgE," J. Immnol., 1993, 151, 2623-2632 | | | |
| | Ranade, "Drug Delivery Systems; 1. Site-Specific Drug Delivery Using Liposomes as Carriers," J. Clin. Pharmacol., 1989, 29, 685-694 | | | |
| | "Rattus norvegicus similar to RIKEN cDna 0610039C21 (LOC361676)," GenBank Accession No. XM_341960, October 23, 2005 | | | |
| | Reichmann et al., "Reshaping human antibodies for therapy," <i>Nature</i> , 1988, 332, 323-329 | | | |
| 200 Re | yes et al., "Expression midine kinase promot | of human β-interferon cDN er from herpes simplex virus | A under the control of a ," Nature, 1982, 297, 598-601 | |
| | | ion and Activity of IgE Rece 1991, 115, Abstract 1448 | ptor Alpha Chain-IgG | |
| cor | | ity of the female genital appears Soc. Biol. Fil., 1975, 1700 | aratus in mammals. Hormonal (1), 129-135 (Accession No. | |
| 203 Ro | drigues et al., "Engine proved Binding to T C | eering a Humanized Bispecifi Cells," Int. J. Cancers, 1992, | c F(ab') ₂ Fragment for Suppl. 7, 45-50 | |
| 204 Ro | Ron et al., "Expression of Biologically Active Recombinant Keratinocyte Growth Factor," <i>Biol. Chem.</i> , 1993, 268(4), 2984-2988 | | | |
| | ssant et al., "Genome oc. Lond. Biol., 1993, | | Stem Cells," Philos. Trans. R. | |
| res | 206 Rubin, E.M. et al., "Expression of human apolipoprotein A-I in transgenic mice results in reduced plasma levels of murine apolipoprotein A-I and the appearance of two new high density lipoprotein size subclasses," Proc. Natl. Acad. Sci. USA, 1991, 88, 434-438 | | | |
| EXAMINER /Steph | en Gucker/ | DATE CONSIDER | ED 06/17/2011 | |

Sheet 15 of 25

| | Form PTO-1449 Modified List of Patent and Publications | | Application No. 10/566,540 | | |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--|--|
| Cited b | Cited by Applicant (Use several sheets if necessary) | | Luigi Notari, Jorge Laborda and ez | | |
| | nent of Commerce Frademark Office | Filing Date January 31, 2006 | Group Not Yet Assigned | | |
| | | Confirmation No. Not Yet Assigned | | | |
| NON-PAT | ENT DOCUMENTS (Inc | cluding Author, Title, D | ate, Pertinent Pages, Etc.) | | |
| 207 | Rubin et al., "Inhibition apolipoprotein AI," Natu | | transgenic mice by human | | |
| 208 | | | , and Activity Studies Reveal that Catalytic Dyad," Biochemistry, | | |
| 209 | applications in antisense | Sanghvi (Ed.), "Heterocyclic base modifications in nucleic acids and their applications in antisense oligonucleotides," Antisense Research and Applications, CRC Press, 1993, Chapter 15, 273-288 | | | |
| 210 | Schall et al., "Molecular Cloning and Expression of a Receptor for Human Tumor Necrosis Factor," Cell, 1990, 61, 361-370 | | | | |
| 211 | Schreier, H. et al., "Targeting of liposomes to cells expressing CD4 using glycosylphosphatidylinositol-anchored gp120," <i>J. Biol. Chem.</i> , 1994 , <i>269</i> (12), 9090-9098 | | | | |
| 212 | Seed, "An LFA-3 cDNA encodes a phospholipids-linkied membrane protein hologous to its receptor CD2," <i>Nature</i> , 1989 , <i>329</i> , 840-842 | | | | |
| 213 | Shalaby et al., "Develope Cytotoxic Lymphocytes J. Exp. Med., 1992, 175, | and Tumor Cells Overex | ecific Antibodies Reactive with pressing the HER2 Protooncogene," | | |
| 214 | Shilo, BZ. et al., "DNA conserved in <i>Drosophila</i> 6789-6792 | sequences homologous melanogaster," Proc. No | to vertebrate oncogenes are atl. Acad. Sci. USA, 1981, 78(11), | | |
| 215 | Siebenlist et al., "E. coli Promoters," Cell, 1980, . | | cts Homology with Two Different | | |
| 216 | SIM-Alignment tool for protein sequences, http://us.expasy.org/tools/sim-prot.html , downloaded from the Internet on April 4, 2006, 2 pages, downloaded from the Internet on April 4, 2006 | | | | |
| 217 | Sims et al., "A Humanized CD18 Antibody Can Block Function without Cell Destruction," J. Immunol., 1993, 151, 2296-2308 | | | | |
| 218 | 218 Singer et al., "Optimization of in situ Hybridization Using Isotopic and Non-Isotopic Detection Methods," <i>Biotechniques</i> , 1986, 4(3), 230-250 | | | | |
| EXAMINER /S | Stephen Gucker/ | DATE CONSIL | DERED 06/17/2011 | | |

| | Form PTO-1449 Modified | | Docket No. NIHA-0238 / E-314-2003/2-US-02 | Application No. 10/566,540 | | |
|----------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--|--|
| (Use sev | List of Patent and Publications Cited by Applicant (Use several sheets if necessary) | | Applicant Sofia Patricia Becerra, Luig Julio Escribano Martinez | gi Notari, Jorge Laborda and | | |
| | | ent of Commerce rademark Office | Filing Date January 31, 2006 | Group Not Yet Assigned | | |
| | | | Confirmation No. Not Yet Assigned | | | |
| NON- | PATI | ENT DOCUMENTS (Inc | luding Author, Title, Date, | Pertinent Pages, Etc.) | | |
| | 219 | Skinner et al., "Use of th the Catalytic Domain of Biol. Chem., 1991, 266(2 | Normal and Mutant ras GTP | pitope for Rapid Purification of ase-activating Proteins," J. | | |
| - | 220 | | Sreekrishna et al., "High level expression of heterologous proteins in methylotrophic yeast <i>Pichia pastoris</i> ," <i>J. Basic Microbiol.</i> , 1988 , <i>28</i> , 265-278 | | | |
| | 221 | Stamenkovic et al., "The B Lymphocyte Adhesion Moleucle CD22 Interacts with Leukocyte Common Antigen CD45RO on T Cells and α2-6 Sialyltransferase, CD75, on B Cells," Cell, 1991, 66, 1133-1144 | | | | |
| | 222 | Strausberg, R.L. et al., "Homo sapiens patatin-like phospholipase domain containing 2," GenBank Accession No. BC017280, September 15, 2004 | | | | |
| | 223 | Strejan et al., "Suppression of Chronic-Relapsing Experimental Allergic Encephalomyelitis in Strain-13 Guinea Pigs by Administration of Liposome-Associated Myelin Basic Protein," J. Neuroimmunol., 1984, 7, 27-41 | | | | |
| | 224 | | ector-based RNAi technology Natl. Acad. Sci. USA, 2002, | y to suppress gene expression in 99(8), 5515-5520 | | |
| | 225 | Suresh et al., "Bispecific Methods in Enzymology, | Monoclonal Antibodies from 1986, 121, 210 | n Hybrid Hybridomas," | | |
| | 226 | Sutcliffe et al., "Antibod Science, 1983, 219, 660- | ies that React with Predeterm 666 | nined Sites on Proteins," | | |
| | 227 | Tilburn et al., "Transform 26, 205-221 | nation by integration in Aspe | rgillus nidulans," Gene, 1983, | | |
| | 228 | Neuroscience, 2003, 4, 6 | | | | |
| | 229 | Thoenen et al., "Physiology of Nerve Growth Factor," Annu. Rev. Physiol., 1980, 60(4), 1284-1335 | | | | |
| | 230 | Thomas, P.S., "Hybridization of denatured RNA and small DNA fragments transferred to nitrocellulose," <i>Proc. Natl. Acad. Sci. USA</i> , 1980, 77(9), 5201-5205 | | | | |
| | 231 | Thomas, K.R. et al., "Site-directed mutagenesis by gene targeting in mouse embryoderived stem cells," <i>Cell</i> , 1987 , <i>51</i> , 503-512 | | | | |

| EXAMINER | /Stephen Gucker/ | DATE CONSIDERED | 06/17/2011 | |
|----------|------------------|-----------------|------------|---------|
| | | | 0 | 2006 WW |

| Form PTO-1449 Modified | Docket No. NIHA-0238 / E-314-2003/2-US-02 | Application No. 10/566,540 | | | |
|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| List of Patent and Publications Cited by Applicant (Use several sheets if necessary) | Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez | | | | |
| U.S. Department of Commerce Patent and Trademark Office | Filing Date January 31, 2006 | Group Not Yet Assigned | | | |
| | Confirmation No. Not Yet Assigned | | | | |
| NON-PATENT DOCUMENTS (In | cluding Author, Title, D | ate, Pertinent Pages, Etc.) | | | |
| multiple sequence aligni penalties and weight ma | ment through sequence we rtrix choice," Nucleic Acid | the sensitivity of progressive righting, position-specific gap is Res., 1994, 22(22), 4673-4680 rilycoproteins," Meth. Enzymol., | | | |
| 1987, 138, 350 | latic Degrycosylation of C | ny coprotenno, naem 2n2, men, | | | |
| type 1," Nature, 1988, 3 | Traunecker et al., "Soluble CD4 molecules neutralize human immunodefiency virus type 1," Nature, 1988, 331, 84-86 | | | | |
| | Traunecker et al., "Bispecific single chain molecules (Janusins) target cytotoxic lymphocytes on HIV infected cells," <i>EMBO J.</i> , 1991 , <i>10</i> , 3655-3659 | | | | |
| 236 Traunecker et al., "High immunoglobulin molecu | Traunecker et al., "Highly efficient neutralization of HIV with recombinant CD4- immunoglobulin molecules," <i>Nature</i> , 1989, 339, 68-70 | | | | |
| | Uhlmann, E. et al., "Antisense oligonucleotides: a new therapeutic principle," Chem. | | | | |
| 238 Umezawa et al., "Liposo | Rev., 1990, 90, 543-584 Umezawa et al., "Liposome Targeting to Mouse Brain: Mannose as a Recognition Marker." Biochem. Biophys. Res. Commun., 1988, 153(3), 1038-1044 | | | | |
| Large Non-immunized F 309-314 | hage Display Library," N | omolar Affinities Isolated from a ature Biotechnology, 1996, 14, | | | |
| activiety," Science, 1988 | 1, <i>239</i> , 1534-1536 | es: grafting an antilysozyme | | | |
| Proceedings: Biological | Birds from Transformed I Science, 1993, 251, 179- | 82 | | | |
| cells," Proc. Natl. Acad. | Sci. USA, 1990, 87, 3410 | tes as carriers for DNA uptake into -3414 | | | |
| | Ward, E.S. et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ," <i>Nature</i> , 1989 , <i>341</i> , 544-546 | | | | |
| 244 Waterhouse et al., "Com | binatorial infection and in | vivo recombination: a strategy for sids. Res., 1993, 21(9), 2265-2266 | | | |
| 245 Watson et al., "A Homir | g Receptor-IgG Chimera | as a Probe for Adhesive Ligands of Biol., 1990, 110, 2221-2229 | | | |
| 246 Watson, S.R. et al., "Net soluble homing receptor | trophil influx into an infl IgG chimaera," Nature, 1 | ammatory site inhibited by a 991, 349, 164-167 | | | |
| 247 Wexler et al., "Molecula | soluble homing receptor-IgG chimaera," Nature, 1991, 349, 164-167 247 Wexler et al., "Molecular Approaches to Hereditary Diseases of the Nervous System: Huntington's Disease as a Paradigm," Ann. Rev. Neurosci., 1991, 14, 503-529 | | | | |
| EXAMINER /Stephen Gucker/ | DATE CONSID | ERED 06/17/2011 | | | |

Sheet 18 of 25

| | -1449 Modified | Docket No. NIHA-0238 / E-314-2003/2-US-02 | Application No. 10/566,540 | | | |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------|--|--|--|
| Cited b | t and Publications y Applicant heets if necessary) | Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez | | | | |
| | rademark Office | Filing Date January 31, 2006 | Group Not Yet Assigned | | | |
| | | Confirmation No. Not Yet Assigned | | | | |
| NON-PAT | ENT DOCUMENTS (Inc | luding Author, Title, Date, | Pertinent Pages, Etc.) | | | |
| 248 | 37, 767-778 | | nant in a Protein," Cell, 1984, | | | |
| 249 | Wolff, J.A. et al., "Direct gene transfer into mouse muscle in vivo," Science, 1990, 247, 1465-1468 | | | | | |
| 250 | Wu, G.Y. et al., "Receptor-mediated in vitro gene transformation by a soluble DNA carrier system," J. Biol. Chem., 1987, 262(10), 4429-4432 | | | | | |
| 251 | Yelton, M.M. et al., "Transformation of Aspergillus nidulans by using a trpC plasmid," Proc. Natl. Acad. Sci. USA, 1984, 81, 1470-1474 | | | | | |
| 252 | Overexpression of LDL l | nced Hypercholesterolemia in Receptors," Science, 1990, 2. | 50, 1273-1275 | | | |
| 253 | | | | | | |
| 254 | Fusion Proteins," DNA Cell Biol., 1990, 9(5), 347-353 | | | | | |
| 255 | 5 Zhang et al., "Long-term expression of human alphal-antitrypsin gene in mouse liver achieved by intravenous administration of plasmid DNA using a hydrodynamics- based procedure," Gene Ther., 2000, 7, 1344-1349 | | | | | |
| 256 | Vein Injections of Naked | ls of Foreign Gene Expression Plasmid DNA," Hum. Gene | Ther., 1999, 10, 1735-1737 | | | |
| 257 | vectors: an efficient and | onucleotide-directed mutagen general procedure for the pro Nucleic Acids Res., 1982, 100 | duction of point mutations in | | | |

| EXAMINER | /Stephen Gucker/ | DATE CONSIDERED | 06/17/2011 | |
|----------|------------------|-----------------|------------|-----------|
| | | | | © 2006 WW |

Sheet 19 of 25

Form PTO-1449 Modified

List of Patent and Publications Cited by Applicant (Use several sheets if necessary)

U.S. Department of Commerce Patent and Trademark Office

Docket No. NIHA-238 / E-314-2003/2-US-02

Not Yet Assigned

Application No. 10/566,540

Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez

Filing Date

Group January 31, 2006 Not Yet Assigned Confirmation No.

U. S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass |
|---------------------|-----|-----------------|----------|---------------------|-------|----------|
| | 258 | 3,691,016 | 09/12/72 | Patel, et al. | 195 | 68 |
| | 259 | 3,969,287 | 07/13/76 | Jaworek, et al. | 260 | 8 |
| | 260 | 4,115,538 | 09/19/78 | Satoh, et al. | 424 | 1 |
| | 261 | 4,179,337 | 12/18/79 | Davis, et al. | 435 | 181 |
| | 262 | 4,195,128 | 03/25/80 | Hildebrand, et al. | 435 | 178 |
| | 263 | 4,229,537 | 10/21/80 | Hodgins, et al. | 435 | 177 |
| | 264 | 4,247,642 | 01/27/81 | Hirohara, et al. | 435 | 178 |
| | 265 | 4,275,149 | 06/23/81 | Litman, et al. | 435 | 7 |
| | 266 | 4,301,144 | 11/17/81 | Iwashita, et al. | 424 | 78 |
| | 267 | 4,330,440 | 05/18/82 | Ayers, et al. | 525 | 54.31 |
| | 268 | 4,376,110 | 03/08/83 | David, et al. | 436 | 513 |
| | 269 | 4,419,446 | 12/06/83 | Howley, et al. | 435 | 68 |
| | 270 | 4,439,196 | 03/27/84 | Higuchi | 604 | 890 |
| | 271 | 4,447,224 | 05/08/84 | Decant, Jr., et al. | 604 | 67 |
| | 272 | 4,447,233 | 05/08/84 | Mayfield | 604 | 152 |
| | 273 | 4,475,196 | 10/02/84 | LaZor | 371 | 29 |
| | 274 | 4,486,194 | 12/04/84 | Ferrara | 604 | 897 |
| | 275 | 4,487,603 | 12/11/84 | Harris | 604 | 152 |
| | 276 | 4,496,689 | 01/29/85 | Mitra | 525 | 54.1 |

| EXAMINER | /Stephen Gucker/ | DATE CONSIDERED | 06/17/2011 |
|----------|------------------|-----------------|------------|
| | | | |

Sheet 20 of 25

Docket No. Application No. Form PTO-1449 Modified NIHA-238 / 10/566.540 E-314-2003/2-US-02 List of Patent and Publications Applicant Cited by Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda (Use several sheets if necessary) and Julio Escribano Martinez U.S. Department of Commerce Filing Date Group Patent and Trademark Office January 31, 2006 Not Yet Assigned Confirmation No. Not Yet Assigned U. S. PATENT DOCUMENTS Examiner Document Subclass Name Class Initial No. Date 514 2 06/11/85 277 4.522.811 Eppstein, et al. 604 70 06/24/86 Morrow, et al. 278 4,596,556 435 68 4,601,978 07/22/86 Karin 279 280 4,631,211 12/23/86 Houghten 428 35.5 424 94 281 4,640,835 02/03/87 Shimizu, et al. 282 06/02/87 514 6 4.670,417 Iwasaki, et al. 435 68 06/16/87 George, et al. 283 4.673,641 4,676,980 06/30/87 Segal, et al. 424 85 284 435 6 285 4,683,195 07/28/87 Mullis, et al. 435 91 286 4,683,202 07/28/87 Mullis 04/12/88 800 1 287 Leder, et al. 4,736,866 12/13/88 604 143 288 4,790,824 Morrow, et al. 399 289 4,791,192 12/13/88 Nakagawa, et al. 530

| - 10 | tankan Cualing | | | 06/17/2011 | |
|----------|----------------|----------|----------------------|------------|-------|
| 296 | 5,034,506 | 07/23/91 | Summerton, et al. | 528 | 391 |
| 295 | 5,010,175 | 04/23/91 | Rutter, et al. | 530 | 334 |
| 294 | 4,946,783 | 08/07/90 | Beckwith, et al. | 435 | 172.1 |
| 293 | 4,943,529 | 07/24/90 | Van den Berg, et al. | 435 | 172.3 |

03/28/89

09/26/89

07/17/90

290

291

292

4,816,567

4,870,009

4.941.880

DATE CONSIDERED 06/17/2011 EXAMINER /Stephen Gucker/ @ 2006 WW

Cabilly, et al.

Evans, et al.

Burns

530

435

604

387

70

143

Sheet 21 of 25

Form PTO-1449 Modified

List of Patent and Publications Cited by Applicant (Use several sheets if necessary)

U.S. Department of Commerce Patent and Trademark Office

Document

| Docket No. |
|--------------------|
| NIHA-238 / |
| E-314-2003/2-US-02 |

Application No. 10/566,540

Applicant

Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez

Filing Date January 31, 2006 Group

Confirmation No. Not Yet Assigned Not Yet Assigned

U. S. PATENT DOCUMENTS

| Exammer Initial | | No. | Date | Name | Class | Subclass |
|--------------------|-----|-----------|----------|-----------------------|-------|----------|
| | 297 | 5,064,413 | 11/12/91 | McKinnon, et al. | 604 | 70 |
| | 298 | 5,075,229 | 12/24/91 | Hanson, et al. | 435 | 172.3 |
| | 299 | 5,082,779 | 01/21/92 | Rottman, et al. | 435 | 172.3 |
| | 300 | 5,087,571 | 02/11/92 | Leder, et al. | 435 | 240.2 |
| | 301 | 5,116,964 | 05/26/92 | Capon, et al. | 536 | 27 |
| | 302 | 5,162,215 | 11/10/92 | Bosselman, et al. | 435 | 172.3 |
| | 303 | 5,175,383 | 12/29/92 | Leder, et al. | 800 | 2 |
| | 304 | 5,175,384 | 12/29/92 | Krimpenfort, et al. | 800 | 2 |
| | 305 | 5,175,385 | 12/29/92 | Wagner, et al. | 800 | 2 |
| | 306 | 5,288,514 | 02/22/94 | Ellman | 427 | 2 |
| | 307 | 5,312,335 | 05/17/94 | McKinnon | 604 | 72 |
| | 308 | 5,364,934 | 11/15/94 | Drayna, et al. | 536 | 23.2 |
| | 309 | 5,374,548 | 12/20/94 | Caras | 424 | 450 |
| | 310 | 5,383,851 | 01/24/95 | McKinnon, Jr., et al. | 604 | 68 |
| | 311 | 5,399,163 | 03/21/95 | Peterson, et al. | 604 | 68 |
| | 312 | 5,399,331 | 03/21/95 | Loughrey, et al. | 424 | 450 |
| | 313 | 5,416,016 | 05/16/95 | Low, et al. | 435 | 240.1 |
| | 314 | 5,436,128 | 07/25/95 | Harpold, et al. | 435 | 6 |
| | 315 | 5,506,337 | 04/09/96 | Summerton, et al. | 528 | 391 |
| | 316 | 5,519,134 | 05/21/96 | Acevedo, et al. | 544 | 243 |

EXAMINER /Stephen Gucker/ DATE CONSIDERED 06/17/2011

© 2006 WW

Sheet 22 of 25

| Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) | | | | Docket No. NIHA-238 / E-314-2003/2-US-02 | Applicatio 10/566,540 | |
|--------------------------------------------------------------------------------------------------------------|------|---------------------------------------|----------|-------------------------------------------------------------------|--------------------------|--------------|
| | | | | Applicant Sofia Patricia Becerra, L and Julio Escribano Mar | | orge Laborda |
| | | rtment of Commer d Trademark Offic | | Filing Date January 31, 2006 | Group Not Yet A | ssigned |
| | | | | Confirmation No. Not Yet Assigned | | |
| | | U | S. PATEN | DOCUMENTS | | |
| Examiner Initial | | Document No. | Date | Name | Class | Subclass |
| | 317 | 5,525,735 | 06/11/96 | Gallop, et al. | 548 | 533 |
| | 318 | 5,539,083 | 07/23/96 | Cook, et al. | 530 | 333 |
| | 319 | 5,549,974 | 08/27/96 | Holmes | 428 | 403 |
| | 320 | 5,569,588 | 10/29/96 | Ashby, et al. | 435 | 6 |
| | 321 | 5,593,853 | 01/14/97 | Chen, et al. | 435 | 29 |
| | 322 | 5,605,793 | 02/25/97 | Stemmer | 435 | 6 |
| | 323 | 5,672,510 | 09/30/97 | Eglitis, et al. | 435 | 325 |
| | 324 | 5,691,448 | 11/25/97 | Baekkeskov, et al. | 530 | 350 |
| | 325 | 5,811,238 | 09/22/98 | Stemmer, et al. | 435 | 6 |
| | 326 | 5,834,252 | 11/10/98 | Stemmer, et al. | 435 | 91.1 |
| | 327 | 5,837,458 | 11/17/98 | Minshull, et al. | 435 | 6 |
| | 328 | 5,840,686 | 11/24/98 | Chader, et al. | 514 | 12 |
| | 329 | 5,846,945 | 12/08/98 | McCormick | 514 | 44 |
| | 330 | 5,922,687 | 07/13/99 | Mann, et al. | 514 | 44 |
| | 331 | 5,952,225 | 09/14/99 | Pensiero, et al. | 435 | 352 |
| | 332 | 5,985,847 | 11/16/99 | Carson, et al. | 514 | 44 |
| | 333 | 5,998,598 | 12/07/99 | Csaky, et al. | 536 | 23.4 |
| | 334 | 6,312,682 B1 | 11/06/01 | Kingsman, et al. | 424 | 93.2 |
| | 335 | 6,235,522 B1 | 05/22/01 | Kingsman, et al. | 435 | 320.1 |
| | 336 | 6,319,687 B1 | 11/20/01 | Chader, et al. | 435 | 69.1 |
| EXAMINER | t /S | tephen Gucker/ | | DATE CONSIDERED | 06/17/2011 | |

Sheet 23 of 25

Docket No. Application No. Form PTO-1449 Modified NIHA-238 / 10/566,540 E-314-2003/2-US-02 List of Patent and Publications Applicant Cited by Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda (Use several sheets if necessary) and Julio Escribano Martinez U.S. Department of Commerce Group Filing Date Patent and Trademark Office January 31, 2006 Not Yet Assigned Confirmation No.

Not Yet Assigned

U. S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass |
|---------------------|-----|-----------------|----------|----------------------|-------|----------|
| | 337 | 6,392,858 B1 | 05/21/02 | Boudaud | 361 | 93.6 |
| | 338 | 6,403,769 B1 | 06/11/02 | Larochelle, et al. | 530 | 387.3 |
| | 339 | 6,406,697 B1 | 06/18/02 | Capon, et al. | 424 | 178.1 |
| | 340 | 6,451,763 B1 | 09/17/02 | Tombran-Tink, et al. | 514 | 12 |
| | 341 | 6,468,524 B1 | 10/22/02 | Chiorini, et al. | 424 | 93.21 |
| | 342 | 6,482,616 B1 | 11/19/02 | Kovesdi, et al. | 435 | 91.4 |
| | 343 | 6,566,119 B1 | 05/20/03 | Heijnen, et al. | 435 | 243 |
| | | | | | | |
| | | | | | | |
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| EXAMINER | /Stephen Gucker/ | DATE CONSIDERED 06/17/2011 | |
|----------|------------------|----------------------------|--|
| | | © 2006 WW | |

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| For | m PT | O-1449 Modified | i | Docket No. NIHA-238 / E-314-2003/2-US-02 | Application No. 10/566,540 | |
|---------------------|------|-------------------------------------------------------------------|----------|-------------------------------------------------------------------|----------------------------|---------|
| | Cite | tent and Publications d by Applicant al sheets if necessary | | Applicant Sofia Patricia Becerra, L and Julio Escribano Mar | | orda |
| | | rtment of Commerce d Trademark Office | : | Filing Date January 31, 2006 | Group Not Yet Assigned | |
| | | | | Confirmation No. Not Yet Assigned | | |
| | | FORE | IGN PATE | ENT DOCUMENTS | | |
| Examiner Initial | | Document No. | Date | Country | Translatio YES | n NO |
| | 344 | WO 84/03506 | 09/13/84 | PCT | x | |
| | 345 | WO 84/03564 | 09/13/84 | PCT | х | |
| | 346 | WO 87/05330 | 09/11/87 | PCT | х | |
| | 347 | WO 90/11092 | 10/04/90 | PCT | х | |
| | 348 | WO 91/00357 | 01/10/91 | PCT | Abstract only | |
| | 349 | WO 91/00360 | 01/10/91 | PCT | x | |
| | 350 | WO 91/08298 | 06/13/91 | PCT | x | |
| | 351 | WO 91/19735 | 12/26/91 | PCT | x | |
| | 352 | WO 92/00091 | 01/09/92 | PCT | x | |
| | 353 | WO 92/20373 | 11/26/92 | PCT | x | |
| | 354 | WO 93/08829 | 05/13/93 | PCT | X | |
| | 355 | WO 93/20242 | 10/14/93 | PCT | х | |
| | 356 | WO 94/04690 | 03/03/94 | PCT | х | |
| | 357 | WO 94/12633 | 06/09/94 | PCT | х | |
| | 358 | WO 95/33480 | 12/14/95 | PCT | х | |
| | 359 | WO 97/00271 | 01/03/97 | PCT | х | |
| | 360 | WO 99/49029 | 09/30/99 | PCT | х | |
| | 361 | WO 99/53050 | 10/21/99 | PCT | X | |
| EXAMINER | /S | tephen Gucker/ | | DATE CONSIDERED | 06/17/2011 | 2006 W |

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| Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) | | | | Docket No. NIHA-238 / E-314-2003/2-US-02 | Application No 10/566,540 | |
|--------------------------------------------------------------------------------------------------------------|-----|--------------|----------|--------------------------------------------------------------------------------------------|------------------------------|----|
| | | | | Applicant Sofia Patricia Becerra, Luigi Notari, Jorge Laborda and Julio Escribano Martinez | | |
| U.S. Department of Commerce Patent and Trademark Office | | | | Filing Date January 31, 2006 | Group Not Yet Assign | ed |
| | | | | Confirmation No. Not Yet Assigned | | |
| | | FORE | IGN PATE | ENT DOCUMENTS | | |
| Examiner Initial | | Document No. | Date | Country | Translation YES NO | |
| | 362 | WO 99/61601 | 12/02/99 | PCT | X | |
| | 363 | WO 00/75164 | 12/14/00 | PCT | Х | |
| | 364 | WP 01/07628 | 02/01/01 | PCT | x | |
| | 365 | WO 01/68836 | 09/20/01 | PCT | x | |
| | 366 | WO 01/75164 | 10/11/01 | PCT | x | |
| | 367 | 0 139 383 A1 | 05/02/85 | EP | Х | |
| | 260 | 0 036 776 B1 | 05/11/88 | EP | x | |
| | 368 | 0 036 776 B1 | 05/11/00 | Di . | | |

12/12/90 EP

12/27/90 EP

07/06/94 EP

10/09/91 EP EP

07/21/93

10/16/96 EP

07/05/89 GB JP

08/12/98

370

371

373

374

375

376

377

0 402 226 A1 0 073 657 B1

0 244 234 B2

0 308 936 B1

0 394 538 B1

2.211,504 A

10 324698 A

372 0 183 070 B1

| EXAMINER | /Stephen Gucker/ | DATE CONSIDERED | 06/17/2011 | |
|----------|------------------|-----------------|------------|-----------|
| | | | | © 2006 WW |